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Key: IEEE JNL = IEEE Journal or Magazine, IEE JNL = IEE Journal or Magazine, IEEE CNF = IEEE Conference, II CNF = IEE Conference, IEEE STD = IEEE Standard

1. **Neural edge enhancer for supervised edge enhancement from noisy images**
Suzuki, K.; Horiba, I.; Sugie, N.;
Pattern Analysis and Machine Intelligence, IEEE Transactions on
Volume 25, Issue 12, Dec. 2003 Page(s):1582 - 1596
IEEE JNL
2. **Multilevel nonlinear filters for edge detection and noise suppression**
Humor Hwang; Haddad, R.A.;
Signal Processing, IEEE Transactions on [see also Acoustics, Speech, and Signal Processing, IEEE Transactions on
Volume 42, Issue 2, Feb. 1994 Page(s):249 - 258
IEEE JNL
3. **Combining spatial and scale-space techniques for edge detection to provide a spatially adaptive wavelet-based noise filtering algorithm**
Faghih, F.; Smith, M.;
Image Processing, IEEE Transactions on
Volume 11, Issue 9, Sept. 2002 Page(s):1062 - 1071
IEEE JNL
4. **A cascade configuration of the cubic unsharp masking for noisy image enhancement**
Nakashizuka, M.; Aoki, K.;
Intelligent Signal Processing and Communication Systems, 2005. ISPACS 2005. Proceedings of 2005 International Symposium on
13-16 Dec. 2005 Page(s):161 - 164
IEEE CNF
5. **Quantitative evaluation of edge preserving noise-smoothing filter**
Donitson, P.P.;
Geoscience and Remote Sensing Symposium, 1996. IGARSS '96. 'Remote Sensing for a Sustainable Future.', International
Volume 3, 27-31 May 1996 Page(s):1590 - 1591 vol.3
IEEE CNF
6. **Mitistage bilateral noise filtering and edge detection for color image enhancement**
Wen-Chung Kao; Ying-Ju Chen;
Consumer Electronics, IEEE Transactions on
Volume 51, Issue 4, Nov. 2005 Page(s):1346 - 1351
IEEE JNL
7. **Design of 2D-multiple notch filter and its application in reducing blocking artifact from DCT coded image**
Srivastava, V.K.; Ray, G.C.;
Engineering in Medicine and Biology Society, 2000. Proceedings of the 22nd Annual International Conference of the IEEE
Volume 4, 23-28 July 2000 Page(s):2829 - 2833 vol.4
IEEE CNF
8. **A non-linear filtering for block-edge reduction in digital video**
Suthaharan, S.;

Devices, Circuits and Systems, 1998. Proceedings of the 1998 Second IEEE International Caracas Conference on
2-4 March 1998 Page(s):178 - 180

IEEE CNF

9. **Derivation of optimal filters for the detection of coronary arteries**
van der Zwet, P.M.J.; Nettesheim, M.; Gerbrands, J.J.; Reiber, J.H.C.;
Medical Imaging, IEEE Transactions on
Volume 17, Issue 1, Feb. 1998 Page(s):108 - 120

IEEE JNL

10. **Edge map guided adaptive post-filter for blocking and ringing artifacts removal**
Hao-Song Kong; Vetro, A.; Huifang Sun;
Circuits and Systems, 2004. ISCAS '04. Proceedings of the 2004 International Symposium on
Volume 3, 23-26 May 2004 Page(s):III - 929-32 Vol.3

IEEE CNF

11. **An adaptive Gaussian filter for noise reduction and edge detection**
Deng, G.; Cahill, L.W.;
Nuclear Science Symposium and Medical Imaging Conference, 1993., 1993 IEEE Conference Record.
31 Oct.-6 Nov. 1993 Page(s):1615 - 1619 vol.3

IEEE CNF

12. **Fuzzy Rank LUM Filters**
Nie, Y.; Barner, K. E.;
Image Processing, IEEE Transactions on
Volume 15, Issue 12, Dec. 2006 Page(s):3636 - 3654

IEEE JNL

13. **A model-based approach for filtering and edge detection in noisy images**
Rangarajan, A.; Chellappa, R.; Zhou, Y.T.;
Circuits and Systems, IEEE Transactions on
Volume 37, Issue 1, Jan. 1990 Page(s):140 - 144

IEEE JNL

14. **Decimated rank-order filtering**
Akarun, L.; Haddad, R.A.;
Signal Processing, IEEE Transactions on [see also Acoustics, Speech, and Signal Processing, IEEE Transactions on]
Volume 42, Issue 4, April 1994 Page(s):835 - 845

IEEE JNL

15. **An X-band front-end module using HTS technique for a commercial dual mode radar**
Dow-Chih Niu; Tung-Wuu Huang; Hao-Jung Lee; Chi-Yang Chang;
Applied Superconductivity, IEEE Transactions on
Volume 15, Issue 2, June 2005 Page(s):1008 - 1011

IEEE JNL

16. **Integrating edge detector and bilateral noise filter for enhancing color images**
Wen-Chung Kao; Ying-Ju Chen; Chia-Ping Shen; Chi-Wu Huang; Sheng-Yuan Lin;
Circuits and Systems, 2006. ISCAS 2006. Proceedings. 2006 IEEE International Symposium on
21-24 May 2006 Page(s):4 pp.

IEEE CNF

17. **Coding artifacts reduction using edge map guided adaptive and fuzzy filtering**
Hao-Song Kong; Yao Nie; Vetro, A.; Huifang Sun; Barner, K.E.;
Multimedia and Expo, 2004. ICME '04. 2004 IEEE International Conference on
Volume 2, 27-30 June 2004 Page(s):1135 - 1138 Vol.2

IEEE CNF

- 18. Detection of edges of noisy images by 1-D and 2-D linear FIR digital filters**
Leung, C.; Lu, W.-S.;
Communications, Computers and Signal Processing, 1993., IEEE Pacific Rim Conference on
Volume 1, 19-21 May 1993 Page(s):228 - 231 vol.1
IEEE CNF
- 19. Optimal edge detection using a multiresolution approach**
Wilson, R.;
Image Processing and its Applications, 1995., Fifth International Conference on
4-6 Jul 1995 Page(s):732 - 736
IEEE CNF
- 20. Nonlinear regularization using constrained edges in image reconstruction**
Blanc-Fraud, L.; Teboul, S.; Aubert, G.; Barlaud, M.;
Image Processing, 1996. Proceedings., International Conference on
Volume 1, 16-19 Sept. 1996 Page(s):449 - 452 vol.2
IEEE CNF
- 21. A novel scheme for optimal edge detection and generic recognition**
Ben-Arie, J.; Rao, K.R.;
Circuits and Systems, 1993., Proceedings of the 36th Midwest Symposium on
16-18 Aug. 1993 Page(s):907 - 910 vol.2
IEEE CNF
- 22. A hybrid neuro-fuzzy filter for edge preserving restoration of images corrupted by impulse noise**
Yuksel, M.E.;
Image Processing, IEEE Transactions on
Volume 15, Issue 4, April 2006 Page(s):928 - 936
IEEE JNL
- 23. Interlaced to progressive scan conversion for HD-MAC application**
Hwang, H.;
Consumer Electronics, IEEE Transactions on
Volume 38, Issue 3, Aug 1992 Page(s):151 - 156
IEEE JNL
- 24. Optimal edge detection using expansion matching and restoration**
Raghunath Rao, K.; Ben-Arie, J.;
Pattern Analysis and Machine Intelligence, IEEE Transactions on
Volume 16, Issue 12, Dec. 1994 Page(s):1169 - 1182
IEEE JNL
- 25. Gray and color image contrast enhancement by the curvelet transform**
Starck, J.-L.; Murtagh, F.; Candes, E.J.; Donoho, D.L.;
Image Processing, IEEE Transactions on
Volume 12, Issue 6, June 2003 Page(s):706 - 717
IEEE JNL